

BXUV.X642 Fire Resistance Ratings - ANSI/UL 263

[Page Bottom](#)

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

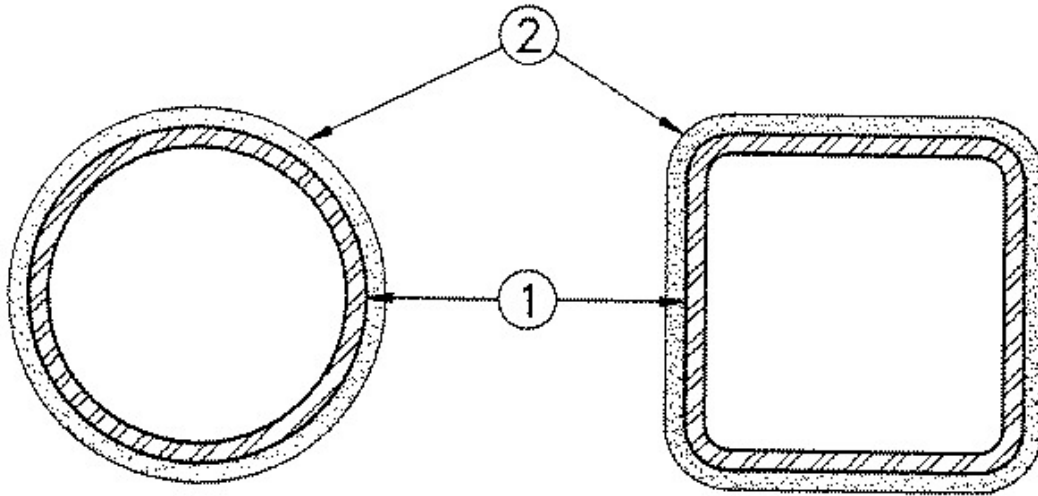
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[See General Information for Fire Resistance Ratings - ANSI/UL 263](#)

Design No. X642

October 29, 2010

Ratings - 3/4, 1, 1-1/2 and 2 Hr (See Item 2)



1. **Steel Column** — Square, rectangular or circular tubular steel columns with the minimum sizes shown in the table below. Steel columns shall be free of dirt, loose scale and oil. Column shall be primed with metal alkyd primer.

2. **Mastic Coating*** — Coating applied in accordance with manufacturer's instructions to the minimum dry film thickness shown below:

Rating, hr	Steel Column Size	Column	Required Min
		A/P	Thickness, In.
3/4	SP 4 diam x 3/16 in.	0.18	0.102

3/4	ST 5 x 3 x 1/4 in.	0.22	0.130
3/4	ST 8 x 6 x 5/16 in.	0.29	0.065
3/4	ST 10 x 10 x 1/2 in.	0.46	0.035
1	ST 5 x 3 x 5/16 in.	0.27	0.130
1	ST 12 x 12 x 1/2 in.	0.47	0.045
1	SP 10 in. diam x 5/16 in.	0.30	0.111
1-1/2	SP 10 in. diam x 5/16 in.	0.30	0.130
1-1/2	ST 12 x 12 x 1/2 in.	0.47	0.095
2	SP 8 in. diam x 1/2 in.	0.47	0.191
2	ST 8 x 8 x 1/2 in.	0.47	0.186

A/D FIRE PROTECTION SYSTEMS INC – Types "A/D FIREFILM II" or "A/D FIREFILM III" or "A/D FIREFILM III C" investigated for Interior Conditioned Space Purpose and Interior General Purpose.

*Bearing the UL Classification Mark

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[Page Top](#)

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